JOYEL VARGHESE

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Professional Summary

MERN Stack Developer with strong skills in React.js,Node.js, Express.js, JavaScript, HTML, CSS, Tailwind CSS and Bootstrap, supported by real-world MERN stack project experience. I have built multiple backend systems, APIs, and full-stack applications, strengthening my understanding of server-side logic, database management, authentication, and scalable architectures. I am a quick learner with strong problem-solving skills and eager to work on industrial-tech focused software solutions.

TECHNICAL SKILLS

Languages: JavaScript,SQL,NoSQL
Frontend: HTML, CSS, Bootstrap, React, Tailwind CSS
Backend: Node.js, Express.js, REST APIs
Databases: MongoDB, MySQL, PostgreSQL
Dev Tools: Git, GitHub, Postman, AWS, Vercel, VS Code Editor
Others: Redux, JWT, OAuth2.0, AWS, Socket.io, Razorpay, Stripe, Cloudinary, Multer,DSA

Experience

Frontend Developer – Authority Entrepreneurs Ltd, Hyderabad (Remote)   July 2025 – October 2025

- Developed responsive web interfaces using HTML, CSS, JavaScript, and React.js.
- Built modular and reusable UI components improving page performance and maintainability.
- Integrated REST APIs and improved client-side state management with Redux and Hooks.
- Collaborated closely with backend teams for smooth API integration and delivery.

Estimation Engineer - WALCO MIDDLE EAST, Qatar   Jan 2019 – Dec 2023

- Worked as an Estimation and Sales Engineer, responsible for project cost estimation, tender preparation, and sales activities.

Major Projects

TutorG– eLearning Platform   Live Demo   GitHub   Nov 2024 – Jan 2025

- Developed a full-featured personalized learning platform using the MERN stack for collaborative skill-building.
- Engineered a responsive and dynamic frontend with React, TypeScript, Tailwind CSS, and Material UI to ensure a seamless user experience.
- Built a scalable backend with Node.js, Express.js, and MongoDB using TypeScript, following a layered and modular architecture for maintainability.
- Implemented JWT-based authentication and OTP verification via Nodemailer to enhance security.
- Integrated Cloudinary for efficient multimedia storage and Multer for smooth file uploads.
- Enabled real-time chat with Socket.io and video calling via Zegocloud (WebRTC) for interactive communication.
- Handled secure online payments using Stripe API, ensuring reliable transactions.
- Utilized Toastify to deliver intuitive, real-time success and error feedback.
- Adopted the Repository design pattern for clean separation of concerns and code scalability.

Moment – E-Commerce Website   Live Demo   GitHub   May 2024 – Jun 2024

- Developed a full-stack E-Commerce platform (online watch store) with a responsive UI using HTML, CSS, JavaScript, and Bootstrap
- Built scalable backend services using Node.js, Express.js, and MongoDB, following MVC architecture for maintainability
- Implemented product listing, cart, wishlist, checkout, and a coupon system for seamless shopping experience

- Integrated Razorpay for secure payment processing and OTP-based authentication using Nodemailer
- Enabled efficient image uploads for products and user profiles using Multer
- Designed separate modules for admin and user dashboards, supporting role-based access control and product/category management
- Generated dynamic sales reports with chart visualizations and enhanced UX using SweetAlert (SWAL)
- Deployed the application on Render using managed cloud infrastructure, enabling reliable hosting, automatic HTTPS, and scalable performance with zero-downtime deployments.
- Technologies used: Node.js, Express.js, MongoDB, Bootstrap, Razorpay, Nodemailer, Multer, SweetAlert, Render

Mini Projects

Doctor's Appointment Booking System – React,Tailwind CSS GitHub   Live
- Created a responsive booking app with scheduling, viewing, and managing features.
- Built using React.js for a responsive web design, ensuring smooth interactions.
- Utilized Tailwind CSS to create a clean and modern design that enhances user engagement.

LinkedIn Clone – HTML, CSS, JS GitHub   Live
- Built a responsive LinkedIn UI clone using HTML, CSS, and vanilla JavaScript, implementing interactive feeds, profile pages, and mobile-first layouts inspired by real-world social platforms.

Bon Marine Asia – Training Website (React + Tailwind CSS) GitHub   Live
- Bon Marine Asia is a production-ready web interface for a maritime supply and ship chandling service operating near Vizhinjam International Seaport. Built using React, Vite, Tailwind CSS, and React Router, the application delivers a responsive, performance-optimized user experience with lazy-loaded routes, structured product categories.

Corso – Training Website (Bootstrap + Sass) GitHub   Live
- Designed a responsive website with light/dark themes, carousels, sticky navigation bar, and interactive forms.

Slooze Commodities Management (React + TypeScript + Tailwind CSS) GitHub   Live
- Designed a responsive website with light/dark themes, carousels, sticky navigation bar, and interactive forms.

Education

BTech – Mechanical Engineering,(CUSAT)	June 2013 - May 2017
Full Stack Web Development (Udemy Certification)	Jan 2024 - Dec 2024